

Substitute for form 1449A/PTO

PIPE
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 38

Complete if Known

Application Number	10/687,850
Filing Date	October 17, 2003
First Named Inventor	David W. Burke
Group Art Unit	3736
Examiner Name	
Attorney Docket Number	7404-558

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AW		3,526,480		09/01/1970	Findl et al.	
		3,551,295		12/29/1970	Dyer	
		3,621,381		11/16/1971	Eckfeldt	
		3,715,192		02/06/1973	Wenz et al.	
		3,720,093		03/13/1973	Gill	
		3,763,422		10/02/1973	MacPhee et al.	
		3,770,607		11/06/1973	Williams	
		3,776,832		12/04/1973	Oswin et al.	
		3,838,033		09/24/1974	Mindt et al.	
		3,902,970		09/02/1975	Levin	
		3,919,627		11/11/1975	Allen	
		3,925,183		12/09/1975	Oswin et al.	
		3,937,615		02/10/1976	Clack et al.	
		3,980,437		09/14/1976	Kishimoto et al.	
		4,005,002		01/25/1977	Racine et al.	
		4,008,448		02/15/1977	Muggli	
	4,040,908		08/09/1977	Clark, Jr.		
AW		4,053,381		10/11/1977	Hamblen et al.	

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		Country Code ²	Number ³ -Kind Code ³ (if known)				
AW		AU	737 787	08/30/2001	Batman et al.		
		DE	36 43 263	07/07/1988	Hommel Host		
		DE	40 11 428 A1	11/29/1990	Kühn et al.		
		DE	298 14 997 U1	08/03/1993	LRE		
		DE	199 36 693	02/08/2001	LRE		
		EP	0 010 456	04/30/1980	Columbus		
AW		EP	0 034 049	08/19/1981	Columbus		
		EP	0 057 110	08/04/1982	Columbus		

Examiner Signature

/Allison Watts/

Date Considered

11/02/2006

EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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AW		4,065,263		12/27/1977	Woodbridge, III	
		4,086,631		04/25/1978	Vick	
		4,123,701		10/31/1978	Josefsen et al.	
		4,127,448		11/28/1978	Schick et al.	
		4,184,936		01/22/1980	Paul et al.	
		4,214,968		07/29/1980	Battaglia et al.	
		4,217,196		08/12/1980	Huch	
		4,224,125		09/23/1980	Nakamura et al.	
		4,225,410		09/30/1980	Pace	
		4,230,537		10/28/1980	Delente et al.	
		4,233,029		11/11/1980	Columbus	
		4,260,680		04/07/1981	Muramatsu et al.	
		4,263,343		04/21/1981	Kim	
		4,265,250		05/05/1981	Parker	
		4,273,134		06/16/1981	Ricciardelli	
		4,273,639		06/16/1981	Gottermeier	
	4,297,569		10/27/1981	Flies		
AW		4,301,412		11/17/1981	Hill et al.	

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AW		EP 0 073 056 A2		03/02/1983	Van		
		EP 0 084 874 A1		08/03/1983	Kleewetter		
		EP 0 101 880		03/07/1984	Preidel et al.		
		EP 0 127 958 B2		04/10/1996	Higgins et al.		
		EP 0 132 790 A2		02/13/1985	Kasielke et al.		
		EP 0 164 180		12/11/1985	Blake et al.		
AW		EP 0 171 148		02/12/1986	Shanks et al.		
		EP 0 171 239		02/12/1986	Ikeda et al.		

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		Number	Kind Code ² (if known)			
AW		4,303,887		12/01/1981	Hill et al.	
		4,323,536		04/06/1982	Columbus	
		4,329,642		05/11/1982	Luthi et al.	
		4,366,033		12/28/1982	Richter et al.	
		4,407,290		10/04/1983	Wilber	
		4,407,959		10/04/1983	Tsuji et al.	
		4,413,407		11/08/1983	Columbus	
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		4,420,564		12/13/1983	Tsuji et al.	
		4,431,004		02/14/1984	Bessman et al.	
		4,436,094		03/13/1984	Cerami	
		4,440,175		04/03/1984	Wilkins	
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		4,477,314		10/16/1984	Richter et al.	
		4,477,575		10/16/1984	Vogel et al.	
		4,499,423		02/12/1985	Matthiessen	
		4,510,383		04/09/1985	Ruppender	
AW		4,517,291		05/14/1985	Seago	

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		Country Code ³	Number ³ -Kind Code ² (if known)				
AW		EP 0	186 286	07/02/1986	Nylander et al.		
		EP 0	206 218 B1	06/03/1991	Wogoman		
		EP 0	213 343 B2	02/01/1995	Young et al.		
		EP 0	230 472 B2	12/13/2000	Nankai et al.		
		EP 0	241 309 A2	10/14/1987	Walton et al.		
		EP 0	244 326 B1	08/18/1993	Colin et al.		
		EP 0	255 291 B1	06/24/1992	Birch et al.		
AW		EP 0	287 883	10/26/1988	Blatt		

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		Number-Kind Code ² (if known)			
AW		4,545,382	10/08/1985	Higgins et al.	
		4,547,735	10/15/1985	Kiesewetter et al.	
		4,552,458	11/12/1985	Lowne	
		4,571,292	02/18/1986	Liu et al.	
		4,578,716	03/25/1986	van Rijckevorsel et al.	
		4,592,893	06/03/1986	Poppe et al.	
		4,628,193	12/09/1986	Blum	
		4,642,295	02/10/1987	Baker	
		4,648,665	03/10/1987	Davis et al.	
		4,652,830	03/24/1987	Brown	
		4,654,197	03/31/1987	Lilja et al.	
		4,671,288	06/09/1987	Gough	
		4,676,653	06/30/1987	Strohmeier et al.	
		4,679,562	07/14/1987	Luksha	
		4,682,602	07/28/1987	Prohaska	
		4,686,479	08/11/1987	Young et al.	
		4,703,017	10/27/1987	Campbell et al.	
AW		4,703,756	11/03/1987	Gough et al.	

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
AW		EP 0 359 831	03/28/1990	Nankai et al.		
		EP 0 383 322 B1	02/05/1997	Seshimoto et al.		
		EP 0 417 796 B1	11/23/1994	Ishihara et al.		
		EP 0 470 649 B1	06/02/1999	Unilever et al.		
		EP 0 471 986 A2	02/26/1992	Nankai et al.		
		EP 0 471 986 A3	04/29/1992	Nankai et al.		
		EP 0 471 986 B1	10/18/1995	Nankai et al.		
AW		EP 0 537 761 A3	02/02/1994	Yoshioka et al.		

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AW		4,711,245		12/08/1987	Higgins et al.	
		4,713,347		12/15/1987	Mitchell et al.	
		4,714,874		12/22/1987	Morris et al.	
		4,731,726		03/15/1988	Allen, III	
		4,734,184		03/29/1988	Burleigh et al.	
		4,750,496		06/14/1988	Reinhart et al.	
		4,759,828		07/26/1988	Young et al.	
		4,789,804		12/06/1988	Karube et al.	
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		4,797,256		01/10/1989	Watlington, IV	
		4,805,624		02/21/1989	Yao et al.	
		4,806,311		02/21/1989	Greenquist	
		4,806,312		02/21/1989	Greenquist	
		4,810,203		03/07/1989	Komatsu	
		4,816,224		03/28/1989	Vogel et al.	
		4,820,399		04/11/1989	Senda et al.	
		4,820,636		04/11/1989	Hill et al.	
AW		4,832,814		05/23/1989	Root	

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AW		EP 0 537 761 B1		08/27/1997	Yoshioka et al.		
		EP 0 546 536		06/16/1993	Yenoyama et al.		
		EP 0 636 880 A2		02/01/1995	Nankai et al.		
		EP 0 640 832		03/01/1995	Hughes Aircraft		
		EP 0 651 250 A2		05/03/1995	Hyodo et al.		
		EP 0 732 406 A1		09/18/1996	Ikeda et al.		
		EP 0 732 590 A2		09/18/1996	Charlton et al.		
AW		EP 0 741 186 B1		10/17/2001	Genshaw et al.		

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AW		4,834,234	05/30/1989	Sacherer et al.	
		4,849,330	07/18/1989	Humphries et al.	
		4,865,873	09/12/1989	Cole, Jr. et al.	
		4,877,580	10/31/1989	Aronowitz et al.	
		4,897,162	01/30/1990	Lewandowski et al.	
		4,897,173	01/30/1990	Nankai et al.	
		4,919,770	04/24/1990	Preidel et al.	
		4,927,516	05/22/1990	Yamaguchi et al.	
		4,935,105	06/19/1990	Churchouse	
		4,935,106	06/19/1990	Liston et al.	
		4,935,346	06/19/1990	Phillips et al.	
		4,938,860	07/03/1990	Wogoman	
		4,940,945	07/10/1990	Littlejohn et al.	
		4,954,087	09/04/1990	Lauks et al.	
		4,956,275	09/11/1990	Zuk et al.	
		4,963,814	10/16/1990	Parks	
		4,970,145	11/13/1990	Bennetto et al.	
AW		4,975,647	12/04/1990	Downer et al.	

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AW		EP 0 837 320 A3	12/30/1998	Howard, III		
		EP 0 840 122 A2	05/06/1998	Charlton et al.		
		EP 0 851 224	07/01/1998	Ikeda et al.		
		EP 0 859 230	08/19/1998	Setford		
		EP 0 876 506	07/09/2003	Henning et al.		
		EP 0 878 713	11/18/1998	Bayer AG		
		EP 0 887 421 A1	12/30/1998	Matzinger et al.		
AW		EP 0 894 509 A2	02/03/1999	Herman		

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		4,999,582		03/12/1991	Parks et al.	
		4,999,632		03/12/1991	Parks	
		5,018,164		05/21/1991	Brewer et al.	
		5,019,974		05/28/1991	Beckers	
		5,035,862		07/30/1991	Dietze et al.	
		5,039,618		08/13/1991	Stone	
		5,049,487		09/17/1991	Phillips et al.	
		5,053,199		10/01/1991	Keiser et al.	
		5,059,394		10/22/1991	Phillips et al.	
		5,066,372		11/19/1991	Weetall	
		5,075,077		12/24/1991	Durley, III et al.	
		5,096,669		03/17/1992	Lauks et al.	
		5,108,564		04/28/1992	Szuminsky et al.	
		5,112,758		05/12/1992	Fellman et al.	
		5,118,183		06/02/1992	Cargill et al.	
	5,120,420		06/09/1992	Nankai et al.		
AW		5,122,244		06/16/1992	Hoenes et al.	

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		Country Code ²	Number ³ -Kind Code ⁵ (if known)				
AW		EP 0 942 278	A2	09/15/1999	Kim et al.		
		EP 0 958 495		11/13/2002	Heller et al.		
		EP 0 964 059		12/15/1999	Ikeda et al.		
		EP 0 987 544		03/22/2000	Ikeda et al.		
		EP 1 009 850	B1	03/05/2003	Hughes et al.		
		EP 1 024 358	A1	08/02/2000	Kawanaka et al.		
		EP 1 035 216	A1	09/13/2000	Sang et al.		
AW		EP 1 067 384	A2	01/10/2001	Ohara et al.		

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			<i>Complete if Known</i>		
			Application Number	10/687,850	
			Filing Date	October 17, 2003	
			First Named Inventor	David W. Burke	
			Group Art Unit	3736	
			Examiner Name		
Sheet	8	of	38	Attorney Docket Number	7404-558

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
AW		5,126,952		06/30/1992	Kildal-Brandt et al.	
		5,128,015		07/07/1992	Szuminsky et al.	
		5,141,850		08/25/1992	Cole et al.	
		5,141,868		08/25/1992	Shanks et al.	
		5,143,694		09/01/1992	Schafer et al.	
		5,179,005		01/12/1993	Phillips et al.	
		5,179,288		01/12/1993	Miffitt et al.	
		5,182,707		01/26/1993	Cooper et al.	
		5,187,100		02/16/1993	Matzinger et al.	
		5,192,415		03/09/1993	Yoshioka et al.	
		5,220,920		06/22/1993	Gharib	
		5,232,516		08/03/1993	Hed	
		5,232,668		08/03/1993	Grant et al.	
		5,234,813		08/10/1993	McGeehan et al.	
		5,243,516		09/07/1993	White	
		5,246,858		09/21/1993	Arbuckle et al.	
		5,250,439		10/05/1993	Musho et al.	
		5,264,103		11/23/1993	Yoshioka et al.	
AW		5,266,179		11/30/1993	Nankai et al.	

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		Country Code ³	Number-Kind Code ² (if known)				
AW		EP	1 074 832 A1	02/07/2001	Musho et al.		
		EP	1 081 490 A1	03/07/2001	Iketaki et al.		
		EP	1 102 991 B1	11/13/2002	Wong et al.		
		EP	1 119 637	03/24/2004	Feldman et al.		
		EP	1 129 211 B1	07/09/2003	Yon Hin et al.		
		EP	1 130 390 A1	09/05/2001	Tsuji et al.		
AW		EP	1 143 245	10/10/2001	Roche		

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		Number-Kind Code ² (if known)			
AW		5,269,891	12/14/1993	Colin	
		5,279,294	01/18/1994	Anderson et al.	
		5,281,395	01/25/1994	Markart et al.	
		5,284,770	02/08/1994	Adrian et al.	
		5,286,362	02/15/1994	Hoenes et al.	
		5,288,636	02/22/1994	Pollmann et al.	
		5,296,192	03/22/1994	Carroll et al.	
		5,304,468	04/19/1994	Phillips et al.	
		5,306,623	04/26/1994	Kiser	
		5,311,426	05/10/1994	Donohue et al.	
		5,312,762	05/17/1994	Guiseppi-Elie	
		5,344,754	09/06/1994	Zweig	
		5,352,351	10/04/1994	White et al.	
		5,353,351	10/04/1994	Bartoli et al.	
		5,366,609	11/22/1994	White et al.	
		5,371,687	12/06/1994	Holmes, II et al.	
		5,376,254	12/27/1994	Fisher	
AW		5,379,214	01/03/1995	Arbuckle et al.	

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		Country Code ³ -Number ² -Kind Code ² (if known)				
AW		EP 1 147 739 A2 .	10/24/2001	Essenpreis et al.		
		EP 1 152 239 A1	11/07/2001	Miyazaki et al.		
		EP 1 156 324 .	11/21/2001	Tokunaga et al.		
		EP 1 225 448	07/24/2002	McAleer et al.		
		EP 1 235 069 A1 .	08/28/2002	Nakaminami et		
		EP 1 256 798	11/13/2002	Miyazaki et al.		
		EP 1 275 732 .	01/15/2003	Charlton		
AW		EP 1 281 955	02/05/2003	Matsushita		

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AW		5,385,846		01/31/1995	Kuhn et al.	
		5,389,215		02/14/1995	Horiuchi et al.	
		5,395,504		03/07/1995	Saurer et al.	
		5,405,511		04/11/1995	Brown et al.	
		5,411,647		05/02/1995	Johnson et al.	
		5,413,690		05/09/1995	Kost et al.	
		5,413,764		05/09/1995	Haar	
		5,418,142		05/23/1995	Kiser et al.	
		5,421,189		06/06/1995	Dussault	
		5,424,035		06/13/1995	Hones et al.	
		5,426,032		06/20/1995	Phillips et al.	
		5,437,772		08/01/1995	De Castro et al.	
		5,437,999		08/01/1995	Diebold et al.	
		5,438,271		08/01/1995	White et al.	
		5,439,826		08/08/1995	Kontorovich	
		5,445,967		08/29/1995	Deuter	
		5,447,837		09/05/1995	Urnovitz	
AW		5,453,360		09/26/1995	Yu	

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		Country Code ³	Number/Kind Code ² (if known)				
AW		EP	I 288 653 A1	03/05/2003	Roche		
		EP	I 308 720 A1	07/05/2003	Watanabe et al.		
		EP	I 312 919 A2	05/21/2003	Kermani		
		EP	I 316 367	06/04/2003	Dick et al.		
		EP	I 318 396 A1	06/11/2003	Hasegawa et al.		
		EP	I 324 025 A2	07/02/2003	Kermani		
		EP	I 324 038	07/02/2003	Dick et al.		
AW		EP	I 327 881	07/16/2003	Hodges et al.		

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		Number	Kind Code ² (if known)			
AW		5,469,846		11/28/1995	Khan	
		5,470,533		11/28/1995	Shindo et al.	
		5,477,326		12/19/1995	Dosmann	
		5,489,414		02/06/1996	Schreiber et al.	
		5,494,638		02/27/1996	Gullick	
		5,500,350		03/19/1996	Baker et al.	
		5,504,011		04/02/1996	Gavin et al.	
		5,508,171		04/16/1996	Walling et al.	
		5,508,200		04/16/1996	Tiffany et al.	
		5,508,203		04/16/1996	Fuller et al.	
		5,509,410		04/23/1996	Hill et al.	
		5,515,170		05/07/1996	Matzinger	
		5,515,847		05/14/1996	Braig et al.	
		5,526,120		06/11/1996	Jina et al.	
		5,526,111		06/11/1996	Collins et al.	
		5,526,808		06/18/1996	Kaminsky	
	5,532,128		07/02/1996	Eggers et al.		
AW		5,552,116		09/03/1996	Yokota et al.	

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		Country Code ²	Number ³ -Kind Code ² (if known)				
AW		EP	1 352 611 A1	10/15/2003	Griffith et al.		
		EP	1 352 969	10/15/2003	Ikeda et al.		
		EP	1 369 684	12/10/2003	Arkray, Inc.		
		EP	1 369 687	12/10/2003	Miyamoto et al.		
		EP	1 394 535	03/03/2004	Davies et al.		
		EP	1 413 879	04/28/2004	Arkray, Inc.		
		EP	1 431 758 A1	06/23/2004	Arkray, Inc.		
AW		GB	2 295 676	06/05/1996	McNaughtan		

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			Group Art Unit	3736	
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AW		5,554,531		09/10/1996	Zweig	
		5,556,789		09/17/1996	Goerlach-Graw et al	
		5,563,031		10/08/1996	Yu	
		5,563,042		10/08/1996	Phillips et al.	
		5,569,591		10/29/1996	Kell et al.	
		5,569,608		10/29/1996	Sommer	
		5,572,159		11/05/1996	McFarland	
		5,575,895		11/19/1996	Ikeda et al.	
		5,576,073		11/19/1996	Kickelhain	
		5,580,794		12/03/1996	Allen	
		5,582,697		12/10/1996	Ikeda et al.	
		5,593,390		01/14/1997	Castellano et al.	
		5,593,739		01/14/1997	Kickelhain	
		5,594,906		01/14/1997	Holmes, II et al.	
		5,597,532		01/28/1997	Connolly	
		5,604,110		02/18/1997	Baker et al.	
		5,605,662		02/25/1997	Heller et al.	
AW		5,605,837		02/25/1997	Karimi et al.	

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AW		GB	2 365 123	02/13/2002	Murdo		
		JP	91-59644	06/20/1997	Munakata		
		JP	93-312761	11/22/1993	Fukuda et al.		
		JP	01-291153	11/22/1989	Nankai et al.		
		JP	03-099254	04/24/1991	Ishihara		
		JP	04-121652	04/22/1992	Okuma		
		JP	08-262026	10/11/1996	Charlton et al.		
AW		JP	09-043242	02/14/1997	Nishimura		

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		Number	Kind Code ² (if known)			
AW		5,611,900		03/18/1997	Worden et al.	
		5,620,579		04/15/1997	Genshaw et al.	
		5,620,863		04/15/1997	Tomasco et al.	
		5,628,890		05/13/1997	Carter et al.	
		5,630,986		05/20/1997	Charlton et al.	
		5,635,362		06/03/1997	Levine et al.	
		5,635,364		06/03/1997	Clark et al.	
		5,639,671		06/17/1997	Bogart et al.	
		5,642,734		07/01/1997	Ruben et al.	
		5,645,798		07/08/1997	Schreiber et al.	
		5,650,061		07/22/1997	Kuhr et al.	
		5,650,062		07/22/1997	Ikeda et al.	
		5,653,863		08/05/1997	Genshaw et al.	
		5,654,178		08/05/1997	Fitzpatrick et al.	
		5,656,502		08/12/1997	MacKay et al.	
		5,658,443		08/19/1997	Yamamoto et al.	
	5,658,802		08/19/1997	Hayes et al.		
AW		5,665,215		09/09/1997	Bussmann et al.	

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		Country Code ³ -Number ² -Kind Code ³ (if known)					
AW		JP 10 332626		12/18/1998	NOK		
		JP 2000-19146		01/21/2000	Miyashita et al.		
		JP 2000 019147		01/21/2000	NOK		
		JP 63-111,453		05/16/1988	Nakajima et al.		
		JP 63-128,252		05/31/1988	Kawaguri et al.		
		RU 2180514		03/20/2002	Shmelev et al.		
		WO 81/01794		07/09/1981	Ash et al.		
AW		WO 83/00926		03/17/1983	Clark		

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			First Named Inventor	David W. Burke	
			Group Art Unit	3736	
Examiner Name					
Sheet	14	of	38	Attorney Docket Number	7404-558

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
AW		5,670,031		09/23/1997	Hintsche et al.	
		5,682,884		11/04/1997	Hill et al.	
		5,686,659		11/11/1997	Neel et al.	
		5,691,486		11/25/1997	Behringer et al.	
		5,691,633		11/25/1997	Liu et al.	
		5,695,623		12/09/1997	Michel et al.	
		5,698,083		12/16/1997	Glass	
		5,700,695		12/23/1997	Yassinzadeh et al.	
		5,708,247		01/13/1998	McAleer et al.	
		5,710,622		01/20/1998	Neel et al.	
		5,719,667		02/17/1998	Miers	
		5,720,862		02/24/1998	Hamamoto et al.	
		5,723,284		03/03/1998	Ye	
		5,727,548		03/17/1998	Hill et al.	
		5,728,074		03/17/1998	Castellano et al.	
		5,745,308		04/28/1998	Spangenberg	
		5,757,666		05/26/1998	Schreiber et al.	
AW		5,759,794		06/02/1998	Levine et al.	

Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code ² -Number ³ -Kind Code ⁴ (if known)					
AW		WO 86/07632		12/31/1986	Nankai et al.		
		WO 89/08713		09/21/1989	Pottgenea		
		WO 89/09397		10/05/1989	Nankai et al.		
		WO 90/05293		05/17/1990	Michel		
		WO 92/01928		02/06/1992	Cozzette et al.		
		WO 92/07655		05/14/1992	Cox et al.		
		WO 92/15859		09/17/1992	Adrian et al.		
AW		WO 92/15861		09/17/1992	Grant et al.		

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			<i>Complete if Known</i>		
			Application Number	10/687,850	
			Filing Date	October 17, 2003	
			First Named Inventor	David W. Burke	
			Group Art Unit	3736	
Examiner Name					
Sheet	15	of	38	Attorney Docket Number	7404-558

U.S. PATENT DOCUMENTS					
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		Number-Kind Code ² (if known)			
AW		5,762,770	06/09/1998	Pritchard et al.	
		5,776,710	07/07/1998	Levine et al.	
		5,780,304	07/14/1998	Matzinger et al.	
		5,786,584	07/28/1998	Button et al.	
		5,788,833	08/04/1998	Lewis et al.	
		5,789,255	08/04/1998	Yu	
		5,792,668	08/11/1998	Deamer et al.	
		5,798,031	08/25/1998	Charlton et al.	
		5,801,057	09/01/1998	Smart et al.	
		5,820,551	10/13/1998	Hill et al.	
		5,820,622	10/13/1998	Gross et al.	
		5,832,921	11/10/1998	Lennert et al.	
		5,834,217	11/10/1998	Levine et al.	
		5,837,546	11/17/1998	Allen et al.	
		5,843,691	12/01/1998	Douglas et al.	
		5,843,692	12/01/1998	Phillips et al.	
		5,846,744	12/08/1998	Athey et al.	
AW		5,849,174	12/15/1998	Sanghera et al.	

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		Country Code ³ -Number ² -Kind Code ⁵ (if known)				
AW		WO 92/15950	09/17/1992	Arbuckle et al.		
		WO 92/22669	12/23/1992	Gullick		
		WO 93/09433	05/13/1993	Gharib		
		WO 94/12950	06/09/1994	Holmes et al.		
		WO 94/16095	07/21/1994	Zweig		
		WO 94/23295	10/13/1994	McAleer et al.		
		WO 94/28414	12/08/1994	Athey et al.		
AW		WO 94/29705	12/22/1994	White et al.		

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			Examiner Name		
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		Number-Kind Code ² (if known)			
AW		5,856,195	01/05/1999	Charlton et al.	
		5,873,990	02/23/1999	Wojciechowski et al.	
		5,883,378	03/16/1999	Irish et al.	
		5,885,839	03/23/1999	Lingane et al.	
		5,890,489	04/06/1999	Elden	
		5,904,898	05/18/1999	Markart	
		5,911,872	06/15/1999	Lewis et al.	
		5,916,156	06/29/1999	Hildenbrand et al.	
		5,921,925	07/13/1999	Cartmell et al.	
		5,922,530	07/13/1999	Yu	
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		5,945,341	08/31/1999	Howard, III	
		5,948,289	09/07/1999	Noda et al.	
		5,951,836	09/14/1999	McAleer et al.	
		5,965,380	10/12/1999	Heller	
		5,968,760	10/19/1999	Phillips et al.	
AW		5,971,923	10/26/1999	Finger	

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		Country Code ³ -Number ² -Kind Code ² (if known)				
AW		WO 95/03542	02/02/1995	Scott et al.		
		WO 95/06919	03/09/1995	Collins et al.		
		WO 95/07050	03/16/1995	Lennert et al.		
		WO 95/22597	08/24/1995	Diebold et al.		
		WO 96/04398	02/15/1996	Sanghera et al.		
		WO 96/07908	03/14/1996	Matzinger et al.		
		WO 96/13707	05/09/1996	Connolly		
AW		WO 96/15454	05/23/1996	Braach-		

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			First Named Inventor	David W. Burke	
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			Examiner Name		
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		Number-Kind Code ² (if known)				
AW		5,989,917		11/23/1999	McAleer et al.	
		5,997,817		12/07/1999	Crismore et al.	
		6,004,441		12/21/1999	Fujiwara et al.	
		6,013,170		01/11/2000	Meade	
		6,042,714		03/28/2000	Lin et al.	
		6,044,285		03/28/2000	Chaiken et al.	
		6,045,567		04/04/2000	Taylor et al.	
		6,061,128		05/09/2000	Zweig et al.	
		6,071,391		06/06/2000	Gotoh et al.	
		6,087,182		07/11/2000	Jeng et al.	
		6,091,975		07/18/2000	Daddona et al.	
		6,102,872		08/15/2000	Doneen et al.	
		6,103,033		08/15/2000	Say et al.	
		6,120,676		09/19/2000	Heller et al.	
		6,121,009		09/19/2000	Heller et al.	
		6,121,050		09/19/2000	Han	
		6,126,609		10/03/2000	Keith et al.	
AW		6,128,519		10/03/2000	Say	

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		Country Code ³ -Number ² -Kind Code ² (if known)					
AW		WO 96/33403		10/24/1996	Higson		
		WO 97/00441		01/03/1997	Hodges et al.		
		WO 97/02487		01/23/1997	Pritchard et al.		
		WO 97/08544		03/06/1997	Wojciechowski		
		WO 97/16726		05/09/1997	Sullivan		
		WO 97/18465		05/22/1997	Hodges et al.		
		WO 97/29366		08/14/1997	Braach-		
AW		WO 97/29847		08/21/1997	McAleer et al.		

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			Group Art Unit	3736	
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		Number	Kind Code ² (if known)			
AW		6,129,823		10/10/2000	Hughes et al.	
		6,134,461		10/17/2000	Say et al.	
		6,136,549		10/24/2000	Feistel	
		6,136,610		10/24/2000	Polito et al.	
		6,143,164		11/07/2000	Heller et al.	
		6,143,247		11/07/2000	Sheppard, Jr. et al.	
		6,144,869		11/07/2000	Berner et al.	
		6,150,124		11/21/2000	Riedel	
		6,153,069		11/28/2000	Pottgen et al.	
		6,156,051		12/05/2000	Schraga	
		6,156,173		12/05/2000	Gotoh et al.	
		6,159,745		12/12/2000	Roberts et al.	
		RE 36,991		12/19/2000	Yamamoto et al.	
		6,162,611		12/19/2000	Heller et al.	
		6,162,639		12/19/2000	Douglas	
		2001 053535 A1		12/20/2001	Ladisch et al.	
		6,168,563		01/02/2001	Brown	
AW		6,168,957		01/02/2001	Matzinger et al.	

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AW		WO	97/30344	08/21/1997	McAleer et al.		
		WO	97/39341	10/29/1997	Fuller et al.		
		WO	97/39343	10/23/1997	Garnham et al.		
		WO	97/42882	11/20/1997	Douglas et al.		
		WO	97/42888	11/20/1997	Douglas et al.		
		WO	97/45719	12/04/1997	Kessler		
		WO	98/05424	02/12/1998	Chow		
AW		WO	98/19153	05/07/1998	Vadgama et al.		

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AW		6,170,318		01/09/2001	Lewis	
		6,174,420		01/16/2001	Hodges et al.	
		6,175,752		01/16/2001	Say et al.	
		6,176,988		01/23/2001	Kessler	
		6,179,979		01/30/2001	Hodges et al.	
		6,180,062		01/30/2001	Naka et al.	
		6,180,416		01/30/2001	Kurnik et al.	
		6,193,873		02/27/2001	Ohara et al.	
		6,197,040		03/06/2001	LeVaughn et al.	
		6,200,773		03/13/2001	Ouyang et al.	
		6,201,607		03/13/2001	Roth et al.	
		6,203,952		03/20/2001	O'Brien et al.	
		6,206,282		03/27/2001	Hayes, Sr. et al.	
		6,206,292		03/27/2001	Robertz et al.	
		6,218,571		04/17/2001	Zheng et al.	
		6,225,078		05/01/2001	Ikeda et al.	
		6,226,081		05/01/2001	Fantone et al.	
AW		6,241,862		06/05/2001	McAleer et al.	

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		WO	98/29740	07/09/1998	Clerc et al.		
		WO	98/35225	08/13/1998	Heller et al.		
		WO	98/55853	12/10/1998	Altin et al.		
		WO	98/57159	12/17/1998	O'Conner et al.		
		WO	99/05516	04/02/1999	Kawanaka et al.		
		WO	99/05966	02/11/1999	Alton et al.		
AW		WO	99/09404	02/25/1999	Maxwell et al.		

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		6,246,966		06/12/2001	Perry	
		6,251,260		06/26/2001	Heller et al.	
		2001 0006149		07/05/2001	Taniike et al.	
		2001 0006150		07/05/2001	Taniike et al.	
		6,258,229		07/10/2001	Winarta et al.	
		6,258,254		07/10/2001	Miyamoto et al.	
		6,259,937		07/10/2001	Schulman et al.	
		6,261,519		07/17/2001	Harding et al.	
		6,262,749		07/17/2001	Finger et al.	
		6,268,162		07/31/2001	Phillips et al.	
		6,270,637		08/07/2001	Crismore et al.	
		6,271,044		08/07/2001	Ballerstadt et al.	
		6,272,364		08/07/2001	Kumik	
		6,277,641		08/21/2001	Yager	
		6,281,006		08/28/2001	Heller et al.	
	2001 0017269		08/30/2001	Heller et al.		
AW		6,284,125		09/04/2001	Hodges et al.	

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AW		WO 99/12008		03/11/1999	Zweig et al.		
		WO 99/12021		03/11/1999	Han		
		WO 99/13099		03/18/1999	Hughes et al.		
		WO 99/13100		03/18/1999	Forrow et al.		
		WO 99/22236		05/06/1999	Heinonen et al.		
		WO 99/23479		05/14/1999	Weitman et al.		
		WO 99/29230		06/17/1999	Bonnecaze et		
AW		WO 99/30152		06/17/1999	Crismore et al.		

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			Application Number	10/687,850	
			Filing Date	October 17, 2003	
			First Named Inventor	David W. Burke	
			Group Art Unit	3736	
Examiner Name					
Sheet	21	of	38	Attorney Docket Number	7404-558

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AW		6,284,550	09/04/2001	Carroll et al.	
		2001 0019831	09/06/2001	Phillips et al.	
		6,287,451	09/11/2001	Winarta et al.	
		6,287,595	09/11/2001	Loewy et al.	
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		2001 0034068	10/25/2001	Spivey et al.	
		6,309,526	10/30/2001	Fujiwara et al.	
		2001 0039057	11/08/2001	Douglas et al.	
		6,315,951	11/13/2001	Markart	
		6,316,264	11/13/2001	Corey et al.	
	2001 0041830	11/15/2001	Varalli et al.		
AW		2001 0042683	11/22/2001	Musho et al.	

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		Country Code ³ -Number ² -Kind Code ² (if known)				
AW		WO 99/32881	07/01/1999	Beaty et al.		
		WO 99/39627	08/12/1999	Elden et al.		
		WO 99/41596	08/19/1999	Sumegi et al.		
		WO 99/51974	10/14/1999	Ikeda et al.		
		WO 99/57317	11/11/1999	Bamdad et al.		
		WO 99/58709	11/18/1999	Stewart et al.		
		WO 99/59464	11/25/1999	Khalil et al.		
AW		WO 99/60383	11/25/1999	Szmacinski		

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		Number-Kind Code ² (if known)			
AW		6,325,917	12/04/2001	Maxwell et al.	
		6,326,160	12/04/2001	Dunn et al.	
		6,329,161	12/11/2001	Heller et al.	
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		2001 0052470	12/20/2001	Hodges et al.	
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		2001 0055784	12/27/2001	Heller et al.	
		6,335,203	01/01/2002	Patel et al.	
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		2002 0004196	01/10/2002	Whitson	
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		6,340,428	01/22/2002	Ikeda et al.	
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		6,342,364	01/29/2002	Watanabe et al.	
		2002 0019707	02/14/2002	Cohen et al.	
		6,349,230	02/19/2002	Kawanaka	
		2002 0023489	02/28/2002	Reimelt et al.	
AW		2002 0025469	02/28/2002	Heller	

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AW		WO 99/64620	12/16/1999	Wong et al.		
		WO 00/09996	02/24/2000	Fuller et al.		
		WO 00/10007	02/24/2000	Arnold et al.		
		WO 00/20626	04/13/2000	Feldman et al.		
		WO 00/26638	05/11/2000	Lewis		
		WO 00/28068	05/18/2000	Yon Hin et al.		
		WO 00/33072	06/08/2000	Deweese et al.		
AW		WO 00/33074	06/08/2000	Lewis et al.		

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		Number-Kind Code ² (if known)					
AW		2002	0029058	03/07/2002	LeVaughn et al.		
			6,358,752	03/19/2002	Durst et al.		
			2002	033345 A1	03/21/2002	Meade	
			2002	0040850	04/11/2002	Liu et al.	
			2002	0042090	04/11/2002	Heller et al.	
			2002	0043471	04/18/2002	Ikeda et al.	
			2002	0044890	04/18/2002	Black	
				6,377,894	04/23/2002	Deweese et al.	
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			2002	0053523	05/09/2002	Liamos et al.	
				6,389,891	05/21/2002	D'Angelico et al.	
				6,391,558	05/21/2002	Henkens et al.	
				6,391,645	05/21/2002	Huang et al.	
				6,394,952	05/28/2002	Anderson et al.	
				6,395,227	05/28/2002	Kiser et al.	
			6,399,258	06/04/2002	O'Brien et al.		
AW			6,401,532	06/11/2002	Lubbers		

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
AW		WO	00/42422	07/20/2000	McAlear et al.		
		WO	00/45160	08/03/2000	Hefti et al.		
		WO	00/54047	09/14/2000	Allen et al.		
		WO	00/57177	09/28/2000	Aronowitz et al.		
		WO	00/60340	10/12/2000	Ryu et al.		
		WO	00/62047	10/19/2000	Albers et al.		
		WO	00/73778	12/07/2000	Winarta et al.		
AW		WO	00/73785 A2	12/07/2000	Winarta et al.		

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			Group Art Unit	3736	
			Examiner Name		
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U.S. PATENT DOCUMENTS						
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		Number	Kind Code ² (if known)			
AW		2002	0081588	06/27/2002	De Lumley-woodyear et al.	
		2002	0082797	06/27/2002	Deweese et al.	
		6,413,213		07/02/2002	Essenpreis et al.	
		6,413,410		07/02/2002	Hodges et al.	
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		2002	0084184	07/04/2002	Chambers et al.	
		2002	0084196	07/04/2002	Liamos et al.	
		6,420,128		07/16/2002	Ouyang et al.	
		2002	0092612	07/18/2002	Davies et al.	
		2002	0100685	08/01/2002	Huang et al.	
		2002	0102739	08/01/2002	Nomura et al.	
		2002	0112969	08/22/2002	Hodges et al.	
		2002	0117404	08/29/2002	Maxwell et al.	
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		6,444,115		09/03/2002	Hodges et al.	
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	2002	0125145	09/12/2002	Ohara et al.		
AW		2002	0130042	09/19/2002	Moerman et al.	

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		Country Code ³	Number ³ -Kind Code ³ (if known)				
AW		WO	00/78917 A1	12/28/2000	Lea		
		WO	00/078992	12/28/2000	Say et al.		
		WO	01/02093 A2	01/11/2001	Johnston et al.		
		WO	01/13115 A2	02/22/2001	Bertling et al.		
		WO	01/13115 A3	02/22/2001	Bertling et al.		
		WO	01/25775	04/12/2001	Bhuller		
	WO	01/25776	04/12/2001	Watanabe et al.			
AW		WO	01/28423	04/26/2001	LeVaughn et al.		

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		Number-Kind Code ² (if known)			
AW		2002 0130043	09/19/2002	Hodges et al.	
		2002 0133064	09/19/2002	Ueno et al.	
		6,454,921	09/24/2002	Hodges et al.	
		2002 0137200	09/26/2002	Takahashi et al.	
		2002 0137230	09/26/2002	Nadaoka et al.	
		2002 0138275	09/26/2002	Amano et al.	
		2002 0138356	09/26/2002	Dutta et al.	
		2002 0139692	10/03/2002	Tokunaga et al.	
		6,461,496	10/08/2002	Feldman et al.	
		2002 0146835	10/10/2002	Modzelewski et al.	
		2002 0148726	10/17/2002	Yamamoto et al.	
		2002 0148739	10/17/2002	Liamos et al.	
		2002 0150930	10/17/2002	Nadaoka et al.	
		2002 0152793	10/24/2002	Sato et al.	
		2002 0155030	10/24/2002	Matsuda et al.	
		2002 0155615	10/24/2002	Novikov et al.	
		2002 0157948	10/31/2002	Liamos et al.	
AW		2002 0160517	10/31/2002	Modzelewski et al.	

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AW		WO 01/30915	05/03/2001	Zheng et al.		
		WO 01/33216 A1	05/10/2001	Liamos et al.		
		WO 01/36430	05/25/2001	Mao et al.		
		WO 01/36660	05/25/2001	Mao et al.		
		WO 01/36953 A1	05/25/2001	Miyazaki et al.		
		WO 01/40788	07/06/2001	Miyazaki et al.		
		WO 01/46457 A2	06/28/2001	Wilsey et al.		
AW		WO 01/57238	08/09/2001	Yu et al.		

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AW		6,475,360		11/05/2002	Hodges et al.	
		6,475,372		11/05/2002	Ohara et al.	
		2002 0164822		11/07/2002	Takahashi et al.	
		2002 0168290		11/14/2002	Yuzhakov et al.	
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		6,484,046		11/19/2002	Say et al.	
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		2002 0175075 A1		11/28/2002	Deng et al.	
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		6,488,827		12/03/2002	Shartle	
		6,489,133		12/03/2002	Phillips et al.	
		2002 0179440		12/05/2002	Tokunaga et al.	
		2002 0179441		12/05/2002	Yamanishi et al.	
		2002 0179442		12/05/2002	Miyazaki et al.	
	6,491,803		12/10/2002	Shen et al.		
	6,491,870		12/10/2002	Patel et al.		
AW		2002 0185385		12/12/2002	Charlton	

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AW		WO	01/57239	08/09/2001	Yani et al.		
		WO	01/57510	08/09/2001	Ohara et al.		
		WO	01/64105	09/07/2001	Moerman et al.		
		WO	01/67099 A1	09/13/2001	Davies et al.		
		WO	01/71328 A1	09/27/2001	Ryu et al.		
		WO	01/71329	09/27/2001	Ryu et al.		
AW		WO	01/72220	10/04/2001	Hodges et al.		
		WO	01/73109	10/04/2001	Davies et al.		

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AW		2002 0189941	12/19/2002	Katsuki et al.	
		6,501,976	12/31/2002	Sohrab	
		2003 0000834	01/02/2003	Yoshioka et al.	
		6,503,381	01/07/2003	Gotoh et al.	
		6,512,986	01/28/2003	Harmon	
		6,514,718	02/04/2003	Heller et al.	
		6,514,769	02/04/2003	Lee	
		2003 0024811	02/06/2003	Davies et al.	
		6,517,703	02/11/2003	Beaty et al.	
		2003 0032875	02/13/2003	Taniike et al.	
		6,521,110	02/18/2003	Hodges et al.	
		6,521,182	02/18/2003	Shartle et al.	
		2003 0036202	02/20/2003	Teodorczyk et al.	
		6,525,330	02/25/2003	Paolini et al.	
		6,525,549	02/25/2003	Pollmann	
		6,526,298	02/25/2003	Khalil et al.	
	2003 0042137	03/06/2003	Mao et al.		
AW		2003 0042150	03/06/2003	Ryu et al.	

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code ² -Number ³ -Kind Code ⁴ (if known)				
AW		WO 01/73114	10/04/2001	Ouyang		
		WO 01/73124	10/04/2001	Davies et al.		
		WO 01/73395	10/04/2001	Hodges		
		WO 01/73420 A1	04/10/2001	Tokuno et a.		
		WO 01/74242	10/11/2001	Shartle		
		WO 01/75433	10/11/2001	Shartle		
		WO 01/75438 A2	10/11/2001	Shartle et al.		
AW		WO 01/84133 A1	11/08/2001	Miyazaki et al.		

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			Application Number	10/687,850	
			Filing Date	October 17, 2003	
			First Named Inventor	David W. Burke	
			Group Art Unit	3736	
			Examiner Name		
Sheet	28	of	38	Attorney Docket Number	7404-558

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AW		6,531,239	03/11/2003	Heller	
		6,531,322	03/11/2003	Jurik et al.	
		2003 0054427	03/20/2003	Phillips et al.	
		6,538,735	03/25/2003	Duebendorfer et al.	
		6,540,890	04/01/2003	Bhullar et al.	
		6,540,891	04/01/2003	Stewart et al.	
		6,541,266	04/01/2003	Modzelewski et al.	
		2003 0064525	04/03/2003	Liess	
		6,544,474	04/08/2003	Douglas	
		6,549,796	04/15/2003	Sohrab	
		2003 0073151	04/17/2003	Phillips et al.	
		2003 0073152	04/17/2003	Phillips et al.	
		2003 0073153	04/17/2003	Phillips et al.	
		6,551,494	04/22/2003	Heller et al.	
		6,555,061	04/29/2003	Leong et al.	
		2003 0079987	05/01/2003	Hodges et al.	
	2003 0080001	05/01/2003	Hodges et al.		
AW		6,558,528	05/06/2003	Matzinger	

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		Country Code ⁴ -Number ⁵ -Kind Code ⁶ (if known)				
AW		WO 01/84142	11/08/2001	Eden et al.		
		WO 01/88524	11/22/2001	Heller et al.		
		WO 01/92857	12/06/2001	Debreczeny et		
		WO 01/95806	12/20/2001	Moerman		
		WO 01/96596	12/20/2001	Guo et al.		
		WO 02/00112 A2	01/03/2002	Cohen et al.		
AW		WO 02/054055 A1	07/11/2002	Jin et al.		
		WO 02/057767 A1	07/25/2002	Watanabe et al.		

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		Number-Kind Code ² (if known)			
AW		6,560,471	05/06/2003	Heller et al.	
		2003 0088166	05/08/2003	Say et al.	
		6,562,625	05/13/2003	Modzelewski et al.	
		6,565,509	05/20/2003	Say et al.	
		6,565,738	05/20/2003	Henning et al.	
		2003 0094383	05/22/2003	Kermani	
		6,570,390	05/27/2003	Hirayama et al.	
		2003 0098233	05/29/2003	Kermani et al.	
		2003 0098234	05/29/2003	Hasegawa et al.	
		2003 0100030	05/29/2003	Nadaoka et al.	
		2003 0100040	05/29/2003	Bonnecaze et al.	
		2003 0100821	05/29/2003	Heller et al.	
		6,571,651	06/03/2003	Hodges	
		6,572,822	06/03/2003	Jurik et al.	
		6,574,425	06/03/2003	Weiss et al.	
		2003 0102213	06/05/2003	Gotoh et al.	
		6,576,101	06/10/2003	Heller et al.	
AW		6,576,117	06/10/2003	Iketaki et al.	

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		Country Code ³ -Number ² -Kind Code ² (if known)				
AW		WO 02/057768 A .	07/25/2002	Iketaki Kazuo		
		WO 02/057781	07/25/2002	Khan et al.		
		WO 02/058537 .	08/01/2002	Heller et al.		
		WO 02/06822	01/24/2002	Ratcliffe et al.		
		WO 02/062212 .	08/15/2002	Moerman et al.		
		WO 02/067768	09/06/2002	Paolini et al.		
		WO 02/070734 A1 .	09/12/2002	Modzelewski et		
AW		WO 02/071044	09/12/2002	Modzelewski et		

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			First Named Inventor	David W. Burke	
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U.S. PATENT DOCUMENTS						
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		Number-Kind Code ² (if known)				
AW		6,576,416		06/10/2003	Haviland et al.	
		6,576,461		06/10/2003	Heller et al.	
		2003 0106809		06/12/2003	Kermani et al.	
		2003 0108976		06/12/2003	Braig et al.	
		2003 0109798		06/12/2003	Kermani	
		6,579,690		06/17/2003	Bonnecaze et al.	
		6,591,125		07/08/2003	Buse et al.	
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		6,592,745		07/15/2003	Feldman et al.	
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		2003 0132110		07/17/2003	Hasegawa et al.	
		2003 0134347		07/17/2003	Heller et al.	
		6,599,406		07/29/2003	Kawanaka et al.	
		6,600,997		07/29/2003	Deweese et al.	
		2003 0143113		07/31/2003	Yuzhakov et al.	
		2003 0143116		07/31/2003	Zheng et al.	
	2003 0146110		08/07/2003	Karinka et al.		
AW		6,605,200		08/12/2003	Mao et al.	

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		Country Code ² -Number ³ -Kind Code ⁴ (if known)					
AW		WO 02/078512 A2		10/10/2002	Drucker et al.		
		WO 02/078533		10/10/2002	Moerman et al.		
		WO 02/08750		01/31/2002	Black		
		WO 02/08753 A2		01/31/2002	Woodhead et al.		
		WO 02/086483		10/31/2002	Tokunaga et al.		
		WO 02/093152		11/21/2002	Heller		
		WO 02/095355		11/28/2002	Heller		
AW		WO 02/097418		12/05/2002	Taniike et al.		

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			First Named Inventor	David W. Burke	
			Group Art Unit	3736	
			Examiner Name		
Sheet	31	of	38	Attorney Docket Number	7404-558

U.S. PATENT DOCUMENTS					
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		Number-Kind Code ² (if known)			
AW		6,605,201	08/12/2003	Mao et al.	
		2003 0150724	08/14/2003	Kawanaka et al.	
		2003 0152823	08/14/2003	Heller	
		6,607,658	08/19/2003	Heller et al.	
		2003 0155237	08/21/2003	SurrIDGE et al.	
		2003 0155538	08/21/2003	Siepmann	
		2003 0159944	08/28/2003	Pottgen et al.	
		2003 0159945	08/28/2003	Miyazaki et al.	
		2003 0164293	09/04/2003	Hodges et al.	
		6,616,819	09/09/2003	Liamos et al.	
		2003 0167862	09/11/2003	Hodges	
		2003 0168338	09/11/2003	Gao et al.	
		6,618,934	09/16/2003	Feldman et al.	
		2003 0175841	09/18/2003	Watanabe et al.	
		2003 0175946	09/18/2003	Tokunaga et al.	
		2003 0176183	09/18/2003	Drucker et al.	
	6,623,501	09/23/2003	Heller et al.		
AW		2003 0178322	09/25/2003	Iyengar et al.	

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		Country Code ³ -Number ² -Kind Code ⁵ (if known)				
AW		WO 02/18053 A1	03/07/2002	Churchill et al.		
		WO 02/10728	02/07/2002	Pan et al.		
		WO 02/13966	02/21/2002	House et al.		
		WO 02/13970	02/21/2002	House et al.		
		WO 02/14535	02/21/2002	Yon-Hin et al.		
		WO 02/22855	03/21/2002	Ouyang et al.		
		WO 02/32559	04/25/2002	Stiene et al.		
AW		WO 02/48707	06/20/2002	Ohara et al.		

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		Number	Kind Code ² (if known)			
AW		2003	0179440	09/25/2003	Tokunaga et al.	
		2003	0180183	09/25/2003	Fukuoka et al.	
			6,627,057	09/30/2003	Bhullar et al.	
		2003	0187338	10/02/2003	Say et al.	
		2003	0188427	10/09/2003	Say et al.	
		2003	0190069	10/09/2003	Nikitin et al.	
			6,632,349	10/14/2003	Hodges et al.	
		2003	0199744	10/23/2003	Buse et al.	
		2003	0199893	10/23/2003	Boecker et al.	
			6,638,415	10/28/2003	Hodges et al.	
			6,638,716	10/28/2003	Heller et al.	
		2003	0201194	10/30/2003	Heller et al.	
		2003	0203498	10/30/2003	Neel et al.	
		2003	0203503	10/30/2003	Fukuoka et al.	
			6,645,359	11/11/2003	Bhullar et al.	
			6,654,625	11/25/2003	Say et al.	
	2003	0217918	11/27/2003	Davies et al.		
AW			6,656,702	12/02/2003	Yugawa et al.	

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		Country Code ²	Number ² -Kind Code ² (if known)				
AW		WO	02/49507	06/27/2002	Stiene et al.		
		WO	02/50609	06/27/2002	Matzinger		
		WO	02/103343 A1	12/27/2002	Nakaminami et		
		WO	03/005015	01/16/2003	Bae et al.		
		WO	03/012422	02/13/2003	Cai et al.		
		WO	03/014740 A1	02/20/2003	Nadaoka et al.		
		WO	03/014741 A1	02/20/2003	Takahashi et al.		
AW		WO	03/015627	02/27/2003	Moerman et al.		

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		Number-Kind Code ² (if known)			
AW		2004 0005721	01/08/2004	Tanike et al.	
		6,676,995	01/13/2004	Dick et al.	
		2004 0016642	01/29/2004	Miyazaki et al.	
		2004 0020777	02/05/2004	Miyamoto et al.	
		6,689,411	02/10/2004	Dick et al.	
		2004 0106941	06/03/2004	Roe et al.	
AW					

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
AW		WO 03/015629	02/27/2003	Moerman et al.		
		WO 03/021706 A1	03/13/2003	Higuchi et al.		
		WO 03/025257	03/27/2003	Heller et al.		
		WO 03/029804	04/10/2003	Arkray		
		WO 03/032411	04/17/2003	Hodges		
		WO 03/039483 A2	05/15/2003	Cranley et al.		
		WO 03/042679 A1	05/22/2003	Hasegawa et al.		
AW		WO 03/042680 A1	05/22/2003	Hasegawa et al.		
		WO 03/044513	05/30/2003	Morita et al.		

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		Application Number	10/687,850
		Filing Date	October 17, 2003
		First Named Inventor	David W. Burke
		Group Art Unit	3736
		Examiner Name	
Sheet	35	of	38
		Attorney Docket Number	7404-558

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher city and/or country where published	†
AW		Aoki et al., "Quantitative Analysis Of Reversible Diffusion Controlled Currents of Redox Soluble Species At Interdigitated Array Electrodes Under Steady-State Conditions", J. Electroanal. Chem. 256 (1988) 269-282	
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		First Named Inventor	David W. Burke
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Examiner Name		Attorney Docket Number	7404-558
Sheet	36	of	38

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
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AW		Koichi, "Measurements of Current-Potential Curves, 6, Cottrell Equation and its Analogs. What Can We Know from Chronoamperometry?" <i>Denki Kagaku ovopi Kogyo Butsuri Kagaku</i> , Vol. 54, no. 6, pp. 471-5 (1986)	
		Lambda Physik Brochure For LPX®SERIES	
		Lee, et al., "A New Glucose Sensor Using Microporous Enzyme Membrane", <i>Sensors and Actuators B</i> , 3 (1991) 215-219	
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		Lifescan Owner's Booklet Entitled "The Comfort of Control"	
		Lifescan Product Brochure For Onetouch® Ultra™ Blood Glucose Monitoring System	
		Lifescan Product Brochure For Onetouch® Ultra™ Test Strip	
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<i>(use as many sheets as necessary)</i>			Attorney Docket Number	7404-558
Sheet	37	of	38	

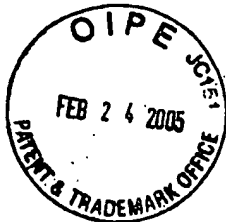
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AW		Myland et al., "Membrane-Covered Oxygen Sensors: An Exact Treatment of the Switch-on Transient," Journal of the Electrochemical Society, Vol. 131, pp. 1815-1823 (Aug. 1984)	
		Nishihara et al., "Interdigitated Array Electrode Diffusion Measurements in Donor/Acceptor Solutions in Polyether Electrolyte Solvents", Anal. Chem. 1991, 63, 2955-2960	
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AW		Zhao, "Electrical Impedance and Haematocrit of Human Blood with Various Anticoagulants," Physiol. Meas., Vol. 14, pp. 299-307 (1993)	

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Sheet	38	of	38
		Attorney Docket Number	7404-558

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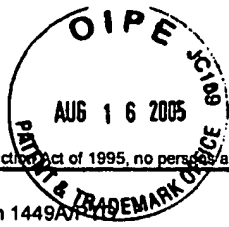
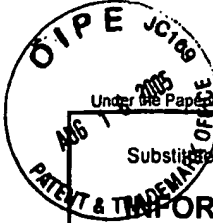
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AW		http://216.239.41.104/search?q=cache:oNNpSzoOXvgJ:www.future-fab.com , "Introduction", Future Fab International, Montgomery Research, Inc., pp. 1-10, (January 2004)	
		http://216.239.41.104/search?q=cache:bEmigilMhtUJ:www.coe.uncc.edu , "LER", NDUBUISI GEORGE ORJI, pp. 1-3 (January 2004)	
		http://www.circuitree.com , Vaucher et al., "Laser Direct Imaging and Structuring: An Update", posted on August 2002, pp. 1-6 (November 2003)	
		http://www.ifm.liu.se/App1phys/ftir/sams.html , "Self-Assembled Monolayers", pp. 1-5 (January 2004)	
		http://www.tamsci.com/library/news-05-DECEMBER-2002.html , "Patterning Thin Film Circuits at the Speed of Light", Press Release, pp. 1-2 (November 2003)	
AW		http://www.zurich.ibm.com/~bmi/samtech.html , "Technological Application of Self-Assembled Monolayers", pp. 1-2 (January 2004)	

Examiner Signature	/Allison Watts/	Date Considered	11/02/2006
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			Filing Date	October 17, 2003	
			First Named Inventor	David W. Burke et al.	
			Art Unit	3736	
Examiner Name					
Sheet	1	of	1	Attorney Docket No.	7404-558

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AW		US- 5,112,455	05-12-1992	Cozzette et al.	
		US			
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